

Analysis

**OD/352/3349/117246/402553/00100218 : Construction of boundary wall & Gate Basudeipur
Nodal UP School
Block : Bhuban, Gram Panchayat : Gada Nrusingha Prasad
Created By: Ayushi Mohapatra**

Item 1
Earth Work (AR0102aa): Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge
Sub-Item of Work Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	25.8	Per day	462	11919.6	0
LR001 : Male mulia	25.8	Per day	462	11919.6	0
Total Amount (a+b+c)				23839.2	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					1787.94
CONTRACTOR PROFIT @ 7.5% (+)					1922.0355
LABOUR CESS @ 1% (+)					275.491755
Grand Total					27824.667255
Say For Unit 1 (Grand Total/100)					278.24667255

Item 2
Earth Work (AR0115): Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.
Sub-Item of Work Filling foundation and plinth with sand well watered and rammed

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	71.94	7194	0
LR002 : Female mulia	12.36	Per day	462	5710.32	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	341.11	34111	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	311.25	31125	0

Total Amount (a+b+c)	78140.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	5860.524				
CONTRACTOR PROFIT @ 7.5% (+)	6300.0633				
LABOUR CESS @ 1% (+)	903.009073				
Grand Total	91203.916373				
Say For Unit 1 (Grand Total/100)	912.03916373				

Item 3
Concrete (AR0303): Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.
Sub-Item of Work Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	523.07	1197.8303	215.609454
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	42.622	97.60438	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	406.21	194.9808	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	953.91	915.7536	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	311.25	149.4	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	354.5	340.32	0

Total Amount (a+b+c)	5791.19148
Total GST (a)	215.609454
OVERHEAD CHARGES @ 7.5% (+)	450.51007005
CONTRACTOR PROFIT @ 7.5% (+)	484.29832530375
LABOUR CESS @ 1% (+)	69.416093293538
Grand Total	7011.0254226473
Say For Unit 1 (Grand Total/1)	7011.0254226473

Item 4

Masonry Stone Work (AR0717): Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.

Sub-Item of Work
Laterite stone masonry

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.572	1 Qntl.	523.07	299.19604	53.8552872
LR001 : Male mulia	1.21	Per day	462	559.02	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.175	Per day	612	107.1	0
LR008 : Sangi mulia	1.41	Per day	512	721.92	0
LR052 : Stone dresser/ Cutter	2.12	Per day	612	1297.44	0
BRM028 : Screened and washed sharp sand for mortar	0.24	1 Cum	76.88	18.4512	0
BRM079 : Laterite Stone rough dressed	1	1 Cum.	749.2	749.2	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.572	1 Qntl.	42.622	24.379784	0
BRM028 : Screened and washed sharp sand for mortar	0.24	1 Cum	406.21	97.4904	0
BRM079 : Laterite Stone rough dressed	1	1 Cum.	406.21	406.21	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.572	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.24	1 Cum	311.25	74.7	0
BRM079 : Laterite Stone rough dressed	1	1 Cum.	149.5	149.5	0

Total Amount (a+b+c)	5094.707424
Total GST (a)	53.8552872

OVERHEAD CHARGES @ 7.5% (+)	386.14220334
CONTRACTOR PROFIT @ 7.5% (+)	415.1028685905
LABOUR CESS @ 1% (+)	59.498077831305
Grand Total	6009.3058609618
Say For Unit 1 (Grand Total/1)	6009.3058609618

Item 5

Masonry Brick Work (AR0603bi): Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM340 : Cement	0.672	1 Qntl.	523.07	351.50304	63.2705472
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.88	21.5264	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	1000 Nos	5.1242	1793.47	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	42.622	28.641984	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	406.21	113.7388	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	1000 Nos	1.30585	457.0475	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	311.25	87.15	0

BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	1000 Nos	0	0	0
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Total Amount (a+b+c)	5057.897724
Total GST (a)	63.2705472
OVERHEAD CHARGES @ 7.5% (+)	384.08762034
CONTRACTOR PROFIT @ 7.5% (+)	412.8941918655
LABOUR CESS @ 1% (+)	59.181500834055
Grand Total	5977.3315842396
Say For Unit 1 (Grand Total/1)	5977.3315842396

Item 6

Plastering (AR1014): 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

Sub-Item of Work
16mm thick cement Plaster in CM (1:6) over brick work in inside.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.11	Per day	462	50.82	0
LR001 : Male mulia	0.13	Per day	462	60.06	0
LR025 : Mason	0.16	Per day	562	89.92	0
BRM340 : Cement	0.043	1 Qntl.	523.07	22.49201	4.0485618
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	76.88	1.38384	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	42.622	1.832746	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	406.21	7.31178	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	311.25	5.6025	0

Total Amount (a+b+c)	239.422876
Total GST (a)	4.0485618
OVERHEAD CHARGES @ 7.5% (+)	18.260357835
CONTRACTOR PROFIT @ 7.5% (+)	19.629884672625
LABOUR CESS @ 1% (+)	2.8136168030762

Grand Total	284.1752971107
Say For Unit 1 (Grand Total/1)	284.1752971107

Item 7

Painting (AR0917h): Finishing wall with one coat weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)

Sub-Item of Work

Finishing wall with one coat weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work (Outside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0917f)					
BRM255 : Weather Coat (I.S.I.)	0.075	1 Ltr	194.79	14.60925	0
LR048 : Painter/ Polisher	0.036	Per day	612	22.032	0
LR001 : Male mulia	0.043	Per day	462	19.866	0
Combine :: Painting (AR0901di)					
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	159.03	14.364	0
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.075	1 Ltr	0.42622	0.0319665	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.42622	0.038497290322581	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.075	1 Ltr	0	0	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0	0	0

Total Amount (a+b+c)	128.68364927419
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	9.6512736955645
CONTRACTOR PROFIT @ 7.5% (+)	10.375119222732
LABOUR CESS @ 1% (+)	1.4871004219249
Grand Total	150.19714261441
Say For Unit 1 (Grand Total/1)	150.19714261441

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